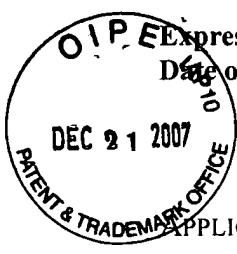


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Express Mail Label No.: EV871029494US
Date of Deposit: December 21, 2007

Attorney Docket No.: 23239-544

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Keefe *et al.*
SERIAL NUMBER: 10/729,581 EXAMINER: Mark Staples
FILING DATE: December 3, 2003 ART UNIT: 1637
FOR: METHOD FOR *IN VITRO* SELECTION OF 2'-SUBSTITUTED NUCLEIC ACIDS

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 21, 2007
Boston, Massachusetts

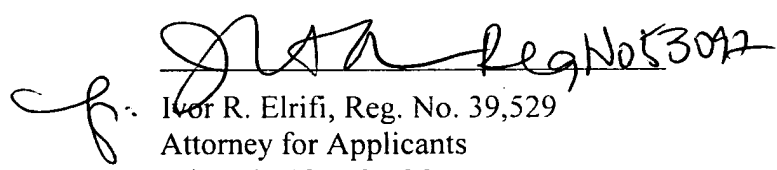
TRANSMITTAL LETTER

Enclosed herewith for filing in the above-identified application please find the following documents:

- 1. Supplemental Response and Amendment (20 pgs.); and
- 2. Return Postcard.

The Commissioner is hereby authorized to charge payment of any additional fees required in connection with the papers transmitted herewith, or credit any overpayment of same, to Deposit Account No. 50-0311, (Reference No. 23239-544). A duplicate copy of this Transmittal is enclosed.

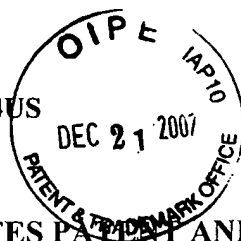
Respectfully submitted,

 Reg No 53012

Ivor R. Elrifi, Reg. No. 39,529
Attorney for Applicants
c/o MINTZ, LEVIN
One Financial Center
Boston, MA 02111
Telephone (617) 542 6000
Fax (617) 542 2241
Customer No. 69262

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SUPPLEMENTAL RESPONSE AND AMENDMENT

This paper is in further response to the final Office Action mailed December 12, 2006 in the above-identified application and supplements the Response and Amendment previously filed on October 31, 2007 in the instant application. No fees are believed to be due in connection with this supplemental filing. However, the Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 23239-544.

Please amend the above-identified application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 14 of this paper.